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	to nearby industries. One power line led to the open hearth plant to The second line led to the rolling mill to the west. Soviet workers other power lines supplying the various plant installations were laid	stated that
5.		
	the construction was begun on 1 December 1948 and was completed on 2 1949 although the pumps had not been installed by that date. This st basement about 6.5 meters deep with concrete walls 60 cm thick. Concextending 6 meters above the ground level, were placed 3 to 4 meters foundation. The space between the columns was walled up with brick. A flat steel structure covered with concrete slabs 200 x 80 x 10 cm. foundations, each 3 x 1.5 x 1.2 meters, were laid for the installation German centrifugal pumps. As of the end of December 1949 the pumps we crated and stored next to the steel framework of the new turbine hous suction pipes, 1 meter in diameter, were stored in the basement of the station. The top floor was equipped with a traveling crane having a 3 tens. Another source stated that the construction of the pumping stated in early 1949.	ation had a rete columns, apart on the The roof was Three concrete on of ere still se. The ne pumping
6.	Two concrete canals, each 1.5 meters square and installed 2.5 meters led from the pumping station to the main canal. At the time of observanals were closed by bulkhead doors.	underground, vation these
7.	two underg	ground water
	tanks, each 38 meters in diameter and 6.5 meters deep, were located a pumping station. The lids of these water tanks were of reinforced conthick and were level with the ground. The tanks rested on 21 concrete 25 cm in diameter. Between the water tanks and the pumping station the concrete chambers, each 2 x 2 meters and 6.5 meters deep. purpose of these chambers since the pumping station was not in operating 1949. An underground canal, 120 meters long and 1.5 meters square led house. The water for the boilers and cooling water for the turbines of turbine house through this underground canal.	south of the acrete, 25 cm a columns, 25X1 acre were 40 the turbine
8.	water tanks was started on 1 December 1948. The water purification plequipped with nine tanks, each 2 meters in diameter and 3 meters high the construction of the water purification plant min early 1949. Coal bunkers were also said to be under construction.	ant was
_		
9.	a total of 90 Seviet civilian employees working i shifts. From 1946 to 1948, 600 PWs worked one shift at this plant and to the end of the 1949, only 150 PWs worked at the plant. the plant employed 70 stokers and 6 to 8 machine operators pe addition to 100 office workers, most of whom were women. **	1948 25X1
*	Comment. a to	tal of four
**	at least one turbine, of British make, was in operation by 1949. Comment. For layout sketch of this power plant and of the turb boiler house, see Annexes 1 and 2. These Annexes were obtained	ine and
	do not agree as to the number of turbines installed in the house. In general, however, these sketches agree with previous inform existence of two control stations is reported for the first time. the water was conveyed from the pumping station in the turb item 3 of Annex 2, to the boilers.	ation. The
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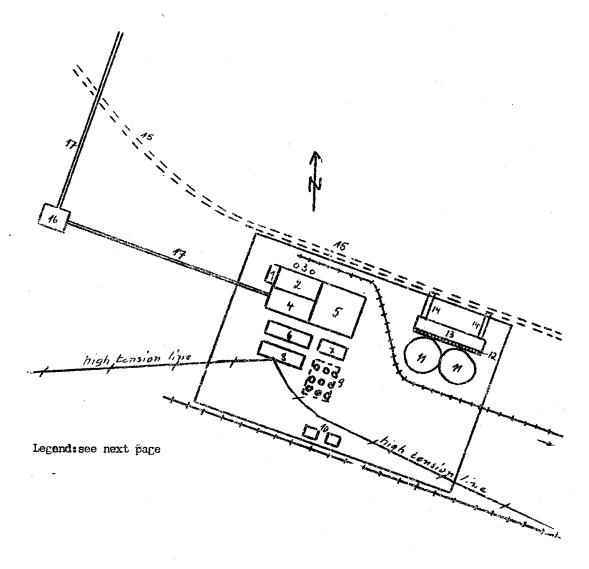
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Power Plant of the Transcaucasian Metallurgical Plant in Rustavi



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Legend.

- 1. Three-story administration building, 20 x 10 meters.
- 2. Boiler house, equipped with two large boilers.
- 3. Two metal smokestacks.
- μ . Turbine house, 50 x 50 x 20 meters, equipped with two turbines.
- 5. New turbine house under construction, $50 \times 50 \times 20$ meters, to house two additional turbines.
- 6. Control station, three-story brick building, 50 x 15 meters.
- 7. Control station, one-story building, 30 x 15 meters.
- 8. Transformer station, 50×15 meters, equipped with two columns of five transformers each.
- 9. Water purification plant, equipped with nine cylindrical tanks, 2 meters in diameter and 3 meters high with high pointed roofs.
- 10. Two oil bunkers, equipment not known.
- 11. Two water tanks, 38 meters in diameter, 6.5 meters underground.
- 12. Forty concrete chambers, 6.5 meters deep, 2 meters square.
- 13. Pumping station, steel and concrete structure, 80 x 15 x 6 meters, equipped with two boilers.
- 14. Two underground water canals, each 15 meters long, leading to the main canal.
- 15. Main canal.
- 16. Coal bunker.
- 17. Coal conveying installation.
- 18. Underground canal, about 120 meters long, 1.5 meters square.

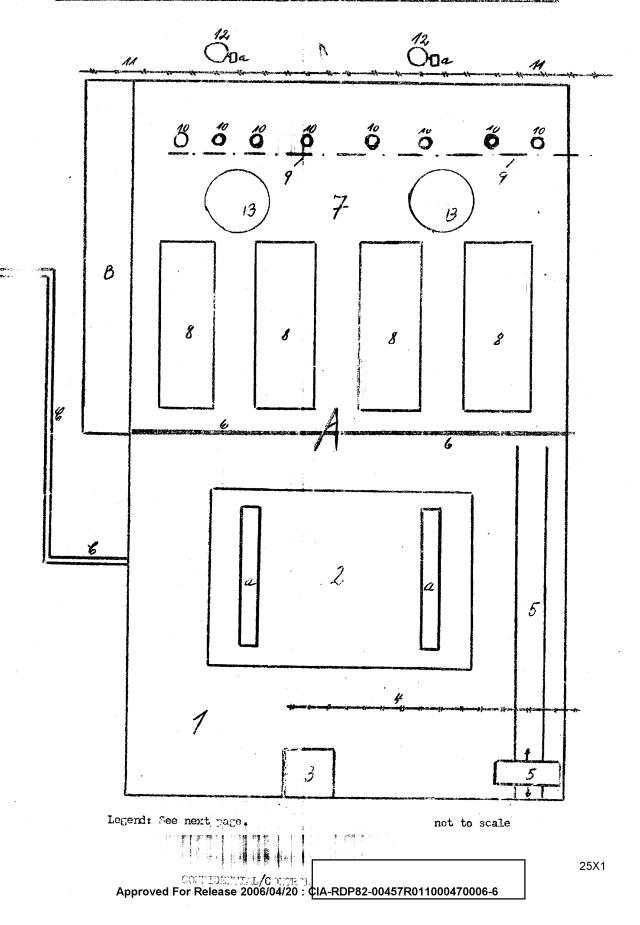
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Attachment 2

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Power Plant of the Transcaucasian Metallurgical Plant in Rustavi



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Attachment 2

Legend.

- A. Turbine and boiler house.
 - 1. Turbine house.
 - 2. Steam turbine on two foundations. (a)
 - 3. Pumping station equipped with four large and two small British make centrifugal pumps with electric motors.
 - 4. Track for dump truck.
 - 5. Traveling crane, 10 tons capacity.
 - 6. Fire-proof wall.
 - 7. Boiler house.
 - 8. Four coal crushing mills.
 - 9. Conveyor for ashes.
 - 10. Eight funnels used for the disposal of ashes.
 - 11. Track for dump trucks used to carry ashes.
 - 12. Two metal smokestacks, each 50 meters high, with ventilators for smoke (a).
 - 13. Boilers.
- B. Five story office building.
- C. One long and two short conveyor belts.

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